

Title (en)

Anti-wicking system for electrical connectors

Title (de)

Antidochtsystem für elektrischen Verbinder

Title (fr)

Système empêchant l'effet mèche pour connecteur électrique

Publication

**EP 0789422 A2 19970813 (EN)**

Application

**EP 97101533 A 19970131**

Priority

SG 1996001072 A 19960206

Abstract (en)

An anti-wicking system is provided in an electrical connector (10) adapted for mounting on a printed circuit board having solderable circuit traces thereon. The connector includes a housing (12) having a plurality of terminal-receiving passages (22). A plurality of terminals (34) are inserted into the passages, with solder tail portions (34b) of the terminals projecting from the housing for solder connection to the circuit traces on the printed circuit board. The housing has at least one projecting portion (40) adjacent the terminals (34) to provide extra housing material which can be heat staked (40A) about the terminals to prevent solder wicking therealong. <IMAGE>

IPC 1-7

**H01R 4/02**

IPC 8 full level

**H01R 4/02** (2006.01); **H01R 12/04** (2006.01); **H01R 12/22** (2006.01); **H01R 13/26** (2006.01)

CPC (source: EP)

**H01R 4/028** (2013.01); **H01R 12/57** (2013.01); **H01R 12/707** (2013.01); **H01R 13/26** (2013.01)

Cited by

EP1538706A3; EP1146596A3; US9537297B2; US7134910B2; US6805278B1; US6257933B1; US8043131B2; US10720721B2; US7320426B2; US6900389B2; US9831605B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0789422 A2 19970813**; **EP 0789422 A3 19980114**; JP 3122964 B2 20010109; JP H09223531 A 19970826; KR 970063835 A 19970912; SG 77096 A1 20001219

DOCDB simple family (application)

**EP 97101533 A 19970131**; JP 3332397 A 19970131; KR 19970003606 A 19970205; SG 1996001072 A 19960206